

Annual Plan and Professional Judgment Budget

L. Michelle Bennett, PhD

Director, Center for Research Strategy

The National Cancer Act of 1971

- Established the procedure for submitting NCI's annual budget, deemed the “bypass budget”



President Nixon signing the National Cancer Act of 1971

Section 407 (9) (A) – Prepare and submit, directly to the President for review and transmittal to Congress, an annual budget estimate for the National Cancer Program, after reasonable opportunity for comment (but without change) by the Secretary, the Director of the National Institutes of Health, and the National Cancer Advisory Board; and (B) receive from the President and the Office of Management and Budget directly all funds appropriated by Congress for obligation and expenditure by the National Cancer Institute.

NCI Annual Plan & Budget Proposal

- Professional Judgement Budget (PJB)
 - Communicates NCI's best professional judgment on the optimum funding needed to make the most rapid progress against cancer
- Annual Plan (AP)
 - Opportunity to present aspirational areas of science
 - Yearly dynamic strategic plan
 - 21st Century Cures Act calls for NIH institutes to prepare strategic plans regularly and format to a common template

Major Goals

- Understanding the Mechanisms of Cancer
- Preventing Cancer
- Detecting & Diagnosing Cancer
- Treating Cancer
- Advancing Public Health in Cancer
- Strengthening the Cancer Research Enterprise
 - Workforce and Infrastructure



Scientific Opportunities

■ FY 2022

- Cancer Drug Resistance
- Molecular Diagnostics for Cancer Treatment
- Obesity & Cancer
- Survivorship

■ FY 2021

- The Immune System and Microbiome
- Artificial Intelligence
- Implementation Science

■ FY 2020

- 4-D Maps of Human Tumors
- Aging and Cancer
- Nuclear Architecture in Cancer
- Biology of Precancerous Lesions
- Biomarkers for Early Detection and Diagnosis
- Cancer Imaging Technologies
- Precision Immunotherapies
- Potential of Big Data
- Novel Drug Discovery Approaches
- Reducing Cancer Disparities
- Optimizing Symptom Management
- Monitoring Survivors' Recurrent & Second Cancers

Obesity and Cancer

OBESITY AFFECTS EVERY ASPECT OF THE CANCER CONTINUUM

PREVENTION & RISK



Obesity is associated with an increased risk of developing multiple types of cancer

DETECTION & DIAGNOSIS



Obesity can affect the feasibility and quality of medical imaging

TREATMENT



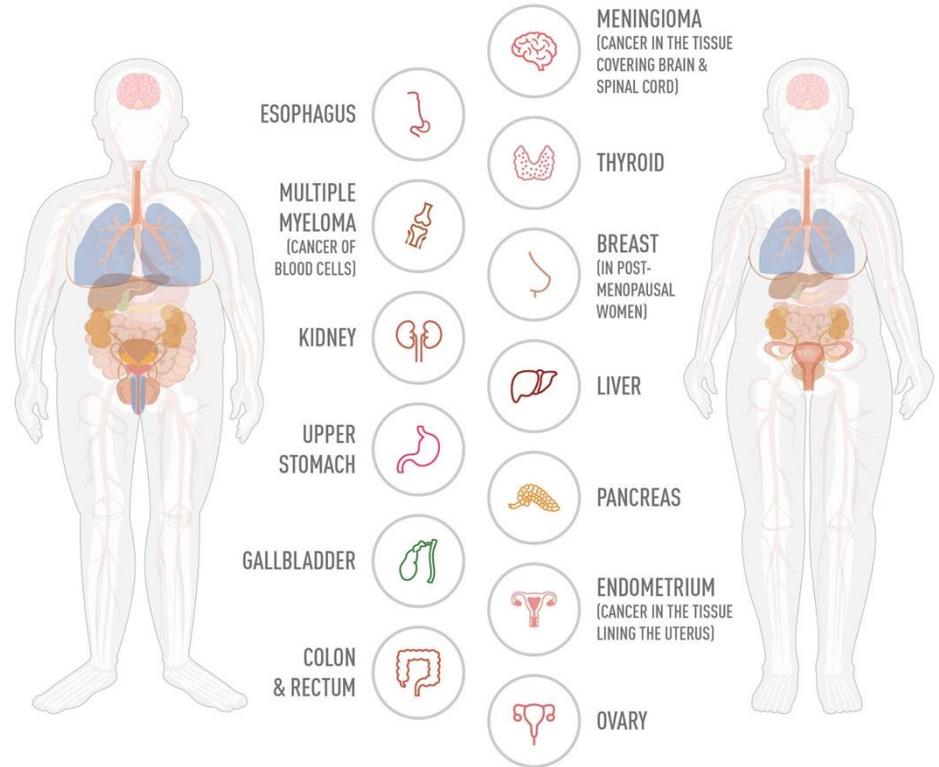
Obesity can influence the effectiveness of cancer drugs and complicate surgery

SURVIVORSHIP

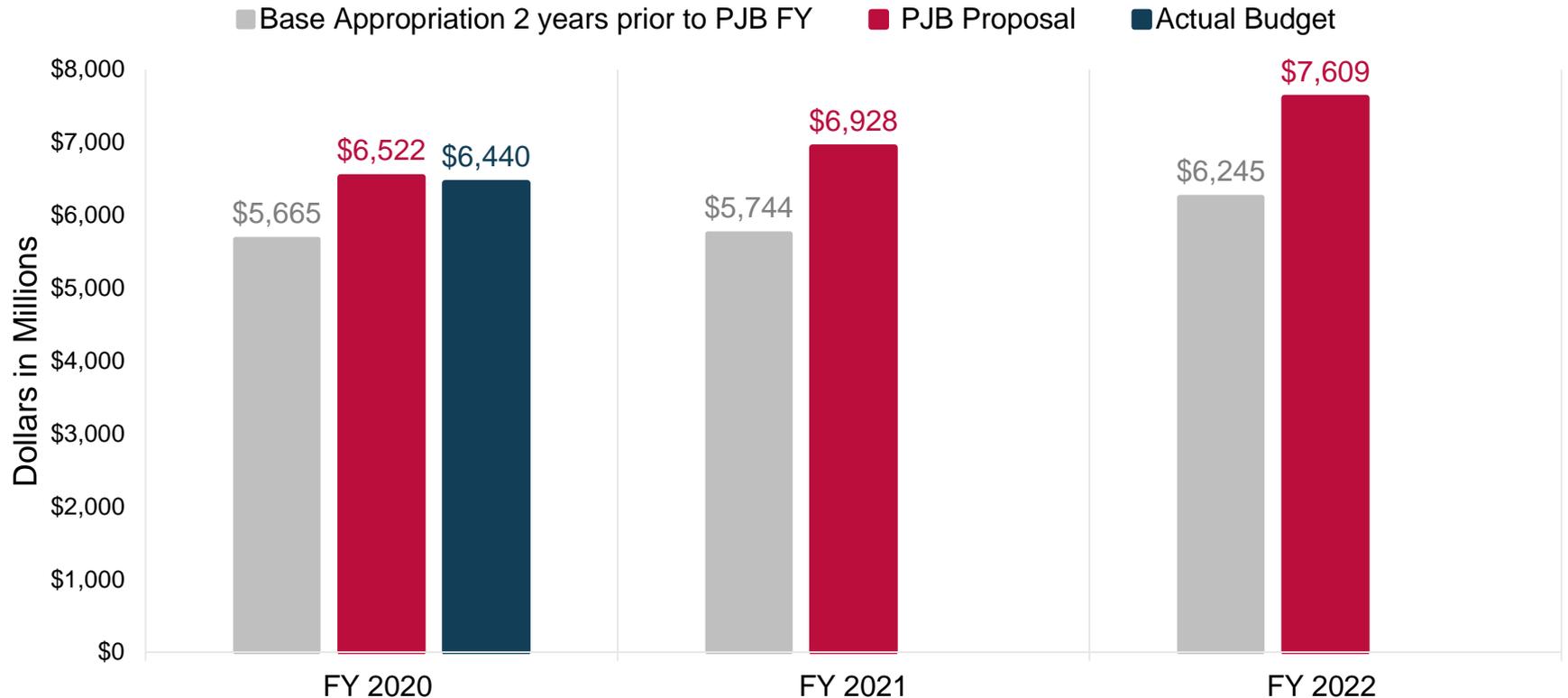


Obesity may worsen quality of life and increase risk of cancer recurrence

OBESITY INCREASES THE RISK OF 13 CANCER TYPES¹



PJB Proposals – FY 2020-2022



Professional Judgement Budget Proposal for FY 2022

(dollars in millions)

FISCAL YEAR 2020 NCI BASE APPROPRIATION	\$6,245	
TOTAL BUDGET INCREASE Proposed Allocation	\$1,170*	<ul style="list-style-type: none"> \$310 Inflation Adjustment[†] \$147 Cancer Biology Research \$237 Cancer Prevention Research \$137 Cancer Detection & Diagnosis Research \$218 Cancer Treatment Research \$76 Public Health & Cancer Control Research \$45 Training & Infrastructure
FY 2022 BUDGET RECOMMENDATION	\$7,415	
FY 2022 CANCER MOONSHOT SM FUNDING	\$194	
FY 2022 TOTAL	\$7,609	

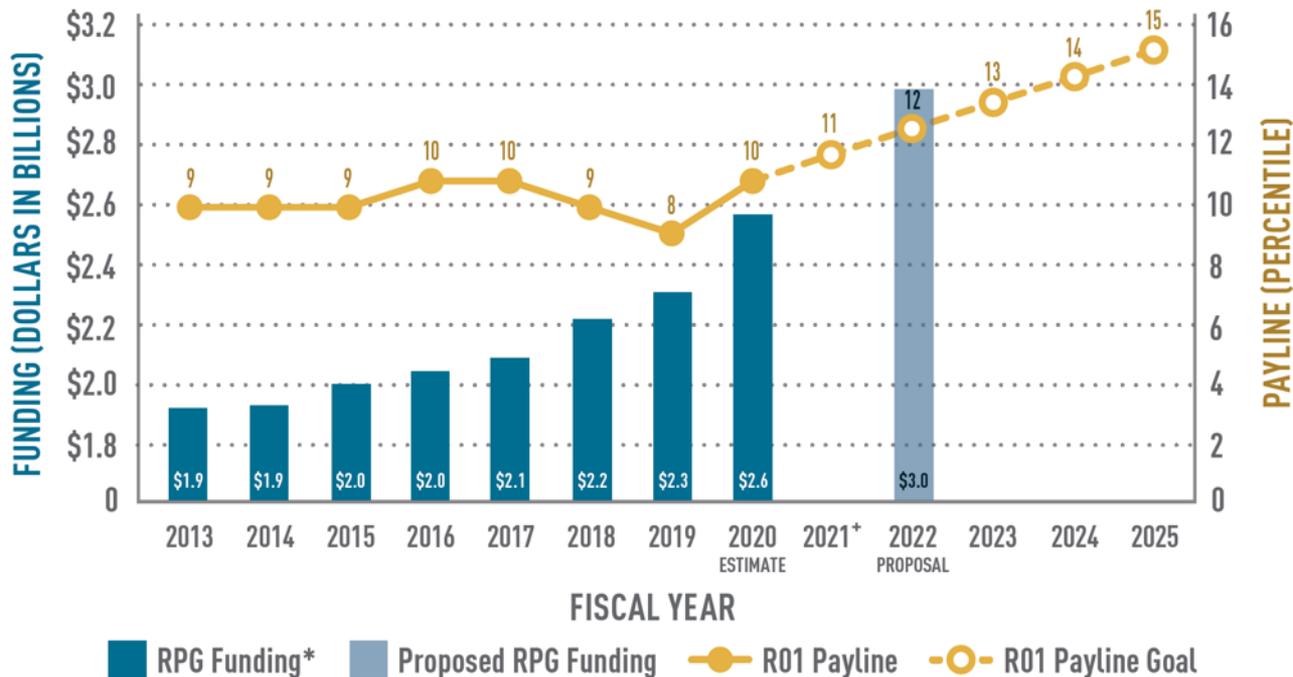
- A substantial increase to the R01 RPG budget
- \$50 million for the Childhood Cancer Data Initiative
- Authorized Cancer Moonshot funding

* The increase of \$1,170 million includes an inflation adjustment and \$860 million for additional cancer research in six major focus areas.

† This adjustment includes inflation for the 2 years between FY 2020 and FY 2022.

Raising the R01 Payline

NCI Research Project Grants (RPG) Funding and R01 Paylines



*RPG funding levels exclude small business grant set-asides

+At the time of publication FY 2021 appropriations have not been finalized

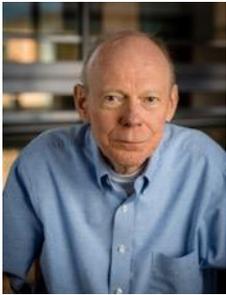
FY 2021 AP Contributed to the FY 2020 Budget Increase

- FY 2021 AP highlighted the 50% increase in R01 applications to NCI between 2013-2018
- FY 2020 budget increase allowed NCI to raise the R01 payline to the 10th percentile

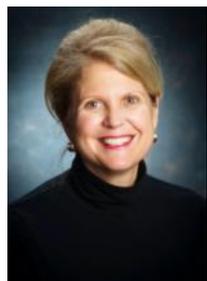
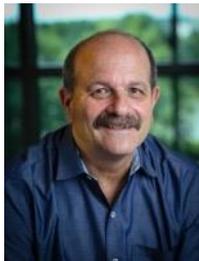
OF NCI'S \$297 MILLION
FY2020 BUDGET INCREASE

MORE THAN
\$210 MILLION
WILL SUPPORT **RESEARCH & TRAINING**
AT INSTITUTIONS ACROSS THE U.S.

Telling NCI's Story Through the Patient Experience



Telling NCI's Story Through the Research





**NATIONAL
CANCER
INSTITUTE**

www.cancer.gov

www.cancer.gov/espanol